

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|------------------------------|------------------|---------|------------------|
| S1 | 1 | ("20070114155").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/19 17:16 |
| S2 | 2 | EP-1043069-\$.did. | EPO; JPO; DERWENT | OR | OFF | 2009/12/14 14:42 |
| S3 | 2 | EP-181035-\$.did. | EPO; JPO; DERWENT | OR | OFF | 2009/12/14 14:43 |
| S4 | 1 | ("7164042").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/25 10:08 |
| S5 | 3 | ((("20080132407") or ("20020165110") or ("6746996"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/25 10:12 |
| S6 | 1 | GB-1206981-\$.did. | EPO; JPO; DERWENT | OR | OFF | 2010/02/25 10:18 |
| S7 | 1 | CN-1654603-\$.did. | EPO; JPO; DERWENT | OR | OFF | 2010/02/25 11:00 |
| S8 | 1 | ("4020108").PN. | USPAT; USOCR | OR | OFF | 2010/02/25 11:19 |
| S9 | 2 | ("3526645").PN. | USPAT; USOCR | OR | OFF | 2010/02/25 11:38 |
| S10 | 1760 | dimethylglyoxime | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:42 |
| S11 | 181773 | molybdenum | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:43 |
| S12 | 604177 | catalyst | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:43 |
| S13 | 99 | S10 and S11 and S12 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:43 |
| S14 | 85 | S13 and cobalt | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:45 |
| S15 | 21 | S14 and alumina | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:46 |
| S16 | 268 | dimethylglyoxime | EPO; JPO; DERWENT | OR | ON | 2010/02/25 11:56 |
| S17 | 560853 | catalyst | EPO; JPO; DERWENT | OR | ON | 2010/02/25 11:56 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|-------|---|------------------------------|----|-----|------------------|
| S18 | 90497 | molybdenum | EPO; JPO; DERWENT | OR | ON | 2010/02/25 11:57 |
| S19 | 2 | S16 and S17 and S18 | EPO; JPO; DERWENT | OR | ON | 2010/02/25 11:57 |
| S20 | 299 | oxime same catalyst same hydrogen\$ | EPO; JPO; DERWENT | OR | ON | 2010/02/25 11:58 |
| S21 | 2428 | oxime same catalyst same hydrogen\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:58 |
| S22 | 970 | (oxime with catalyst) same hydrogen\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:59 |
| S23 | 60 | S11 and S22 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 11:59 |
| S24 | 47 | ("2336598" "2446969" "2483778" "2947795" "3683024" "3879311" "4101444" "4190554" "4237326" "4269717" "4350606" "4487745" "4497702" "4551226" "4556476" "4927519" "5100532" "5213678" "5243063" "5282957").PN. OR ("5648305").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/25 12:23 |
| S25 | 10 | S24 and oxime | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 12:24 |
| S26 | 1 | ("5213678").PN. | USPAT; USOCR | OR | OFF | 2010/02/25 13:07 |
| S27 | 1 | ("4350606").PN. | USPAT; USOCR | OR | OFF | 2010/02/25 13:08 |
| S28 | 468 | (oxime or ketoxime) with catalyst with reduc\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 13:09 |
| S29 | 127 | ((oxime or ketoxime) near5 catalyst) with reduc\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 13:10 |
| S30 | 3682 | methyl with ethyl with ketoxime | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 13:53 |
| S31 | 3618 | (methyl near2 ethyl) with ketoxime | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 13:53 |
| S32 | 38 | (methyl near2 ethyl) with ketoxime with catalyst | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 13:53 |
| S33 | 498 | cholley.in. or dath.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/25 14:47 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|--------|---|------------------------------|----|-----|------------------|
| S34 | 85588 | catalyst.ab. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/25 14:47 |
| S35 | 39 | S33 and S34 | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/25 14:47 |
| S36 | 1 | S35 and oxime | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 14:47 |
| S37 | 196 | cholley.in. or dath.in. | EPO; JPO; DERWENT | OR | OFF | 2010/02/25 14:48 |
| S38 | 94602 | catalyst.ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 14:48 |
| S39 | 527294 | catalyst.ab. | EPO; JPO; DERWENT | OR | ON | 2010/02/25 14:48 |
| S40 | 0 | S38 and S39 | EPO; JPO; DERWENT | OR | ON | 2010/02/25 14:48 |
| S41 | 99 | S37 and S39 | EPO; JPO; DERWENT | OR | ON | 2010/02/25 14:48 |
| S42 | 2 | S41 and oxime | EPO; JPO; DERWENT | OR | ON | 2010/02/25 14:48 |
| S43 | 19015 | catalyst same (cobalt and molybdenum) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:06 |
| S44 | 302185 | alumina | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:06 |
| S45 | 8998 | catalyst with (contaminat\$ or impurit\$) with (metal or lead or iron or vanadium or nickel or sulfur or sulphur or arsenic or coke) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:08 |
| S46 | 20616 | (feed or feedstock or charge or chargestock) with (petroleum or hydrocarbon or oil) with (metal or lead or iron or vanadium or nickel or sulfur or sulphur or arsenic or coke) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:10 |
| S47 | 743 | S43 and S44 and S45 and S46 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:10 |
| S48 | 608 | S47 and (hydrotreat\$ or hydrocrack\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:11 |
| S49 | 165 | S47 and (hydrotreat\$ or hydrocrack\$).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:12 |
| S50 | 13900 | catalyst with (cobalt and molybdenum) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:12 |

EAST Search History (Prior Art)

| | | | | | | |
|-----|-------|--|------------------------------|----|-----|------------------|
| S51 | 141 | S49 and S50 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:12 |
| S52 | 5202 | alumina with cobalt with molybdenum | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:14 |
| S53 | 85 | S51 and S52 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:14 |
| S54 | 39 | S53 and catalyst.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:17 |
| S55 | 12499 | (feed or feedstock or charge or chargestock) with (petroleum or hydrocarbon or oil) with (metal or lead or iron or vanadium or nickel or arsenic) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:30 |
| S56 | 102 | S51 and S55 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:31 |
| S57 | 53 | S56 and catalyst.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:31 |
| S58 | 5928 | (feed or feedstock or charge or chargestock) with (petroleum or hydrocarbon or oil) with (lead or iron or vanadium or nickel or arsenic) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:33 |
| S59 | 30 | S57 and S58 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/25 15:33 |
| S60 | 1 | ("3978001").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/27 12:45 |